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Total No. Pages: 15 including this cover sheet

Message: Transmitted herewith for filing in the below-identified application is an Amendment/Response. If you do not receive all pages or if you have problems receiving transmittal, please call Gregory L. Maurer at (503) 595-5300. The fee (large entity) has been calculated as shown below.

In re application of: Kallioniemi et al.**Application No.** 10/088,269**Filed:** September 16, 2002**Confirmation No.** 8794**For:** SIGNAL COUNTING FOR IN SITU
HYBRIDIZATION**Examiner:** Eric S. DeJong**Art Unit:** 1631**Attorney Reference No.** 4239-62295-01**CERTIFICATE OF FACSIMILE**

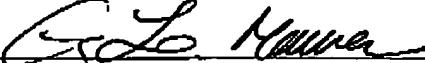
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Attorney or Agent
for Applicant(s)
Gregory L. MaurerDate Transmitted July 18, 2005**FEE CALCULATION FOR CLAIMS AS AMENDED**

For	No. after amendment	No. paid for previously	Extra	Rate	Fee
Total Claims	43	- 46*	= 0	\$50.00	\$ 0.00
Indcp. Claims	3	- 3**	= 0	\$200.00	\$ 0.00
TOTAL FEE FOR THIS AMENDMENT					\$0.00

*greater of twenty or number for which fee has been paid. **greater of three of number for which fee has been paid.

- No additional fee is required.
- Please charge any additional fees that may be required in connection with filing of this Amendment/Response to Deposit Account 02-4550.
- If the Patent and Trademark Office determines that this amendment results in an additional application size fee for pages in excess of 100, please charge the fee to Deposit Account No. 02-4550.
- If an additional extension of time is required please consider this a petition therefor.



Gregory L. Maurer

Registration No. 43,781

July 18, 2005

Date

cc: Docketing

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PATENT

Attorney Reference Number 4239-62295-01
Application Number 10/088,269

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

AMENDMENT/RESPONSE

In response to the Office Action dated April 19, 2005, please amend the above-referenced
Application as follows:

Amendments to the Claims are reflected in the listing of claims, which begins on page 2.

Remarks begin on page 9.